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Sheet 1

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/603,310				
Filing Date	June 21, 2000				
First Named Inventor	Carlton Sparrell				
Art Unit	2665				
Examiner Name	Thien D Tran				
Attorney Docket Number	010-42				

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f Incom)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT	<u> </u>	US- 5,334,975	08-02-1994	Wachob et al.	
<del>                                     </del>		US- 5,537,414	07-16-1996	Takiyasu et al.	
+		US- 5,644,576	07-01-1997	Bauchot et al.	
77		<sup>US-</sup> 5,677,927	10-14-1997	Fullerton et al.	
TT		<sup>US-</sup> 5,687,169	11-11-1997	Fullerton	
TT		US- 6,285,873 B1	09-04-2001	Quick, Jr.	
TT	-	us- 6,347,084 B1	02-12-2002	Hulyalkar et al.	RECEIVER
77		<sup>US-</sup> 6,437,832 B1	08-20-2002	Grabb et al.	THEORIVEL
TT		<sup>US-</sup> 6,492,904 B2	12-10-2002	Richards	MAR 2 4 2004
TT	-	<sup>US-</sup> 6,497,656 B1	12-24-2002	Evans et al.	WAN 2 4 2004
ナナ		<sup>US-</sup> 6,505,032 B1	01-07-2003	McCorkle et al.	Technology Center 26
iT		<sup>US-</sup> 6,549,567 B1	04-15-2003	Fullerton	Thomas de la comercia
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ'			
TT		WO 02/31986 A2	04-18-2002	McCorkle et al.	·				
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Examiner Signature	Date Considered	06/08/	05

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Sheet 1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 09/603,310

Filing Date June 21, 2000

First Named Inventor Carleton Sparrell

Art Unit 2665

Examiner Name Thien D. Tran

Attorney Docket Number 00042

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number · Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		US- 3,668,639	06-06-1972	Harmuth	
11		<sup>US-</sup> 3,678,204	07-18-1972	Harmuth	
TT		US- 3,728,632	04-17-1973	Ross	
77		us- 3,875,524	04-1975	Harzer et al.	
77		<sup>US-</sup> 4,232,339	11-1980	Smiley et al.	
TT		<sup>US-</sup> 4,506,267	03-19-1985	Harmuth	
77		<sup>US-</sup> 4,574,378	03-1986	Kobayashi	
1		US-4,641,317	02-03-1987	Fullerton	
17		<sup>US-</sup> 4,644,534	02-1987	Sperlich	
77		<sup>US-</sup> 4,651,152	03-17-1987	Harmuth	•
17		<sup>US-</sup> 4,672,608	06-1987	Ball et al.	
71		<sup>US-</sup> 4,743,906	05-10-1998	Fullerton	
77		<sup>US-</sup> 4,763,325	08-1988	Wolfe et al.	
77	-	<sup>US-</sup> 4,813,057	03-14-1989	Fullerton	
71		us- 5,134,408	07-28-1992	Harmuth	
TI		<sup>US-</sup> 5,148,174	09-15-1992	Harmuth	
11		<sup>US-</sup> 5,153,595	10-06-1992	Harmuth	
TT		<sup>US-</sup> 5,159,343	10-27-1492	Harmuth	
TT		<sup>US-</sup> 5,307,081	04-26-1994	Harmuth	

Examiner Cite		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Or Relevant Figures Appear	T
TT		WO 01/93434 A2	10-06-2001	Rofheart et al.		
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Sheet 2

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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 09/603,310 Filing Date June 21, 2000 First Named Inventor Carleton Sparrell Art Unit 2665 Examiner Name Thien D. Tran 00042 Attorney Docket Number

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		Number-Kind Code	00.00.4004	Mashah at al			
TL		<sup>US-</sup> 5,334,975	08-02-1994	Wachob et al.			
TT		<sup>US-</sup> 5,365,240	11-15-1994	Harmuth			
77		<sup>US-</sup> 5,493,691	02-20-1996	Barrett			
17		<sup>US-</sup> 5,519,400	05-1996	McEwan			
77		<sup>US-</sup> 5,523,758	06-04-1996	Harmuth			
1		<sup>US-</sup> 5,586,145	12-17-1996	Morgan et al.			
11		<sup>US-</sup> 5,592,177	01-07-1997	Barrett			
TT		<sup>US-</sup> 5,594,738	01-1997	Crisler et al.			
77		<sup>US-</sup> 5,610,907	03-11-1997	Barrett			
TT		<sup>US-</sup> 5,675,388	10-1997	Cooper			
TT		<sup>US-</sup> 5,715,236	02-03-1998	Gilhousen et al.			
71		<sup>US-</sup> 5,748,891	05-05-1998	Fleming et al.			
77		<sup>US-</sup> 5,761,197	06-1998	Takefman			
77		<sup>US-</sup> 5,812,671	09-1998	Ross			
TT		us- 5,850,422	12-1998	Chen			
TT		us- 5,886,652	03-1999	Adachi et al.			
77		<sup>US-</sup> 5,889,767	03-1999	Kimura			
TT		<sup>US-</sup> 5,903,605	05-1999	Crittenden			
TI		<sup>US-</sup> 5,909,491 A	06-1999	Luo			

	FOREIGN PATENT DOCUMENTS							
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
<u>-</u>		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Or Relevant Figur		T°		
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Examiner Signature	Thier	Date Considered	06/	በደ /	05

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Sheet 3

### THE THADENA INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co	mplete if Known	1
Application Number	09/603,310	
Filing Date	June 21, 2000	
First Named Inventor	Carleton Sparrell	
Art Unit	2665	
Examiner Name	Thien D. Tran	
Attorney Docket Number	00042	

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (8 known) US- 5,920,278	07-06-1999	Tyler et al.	- I Garage Para	
1				<del> </del>		
17		US- 5,940,435	08-1999	Hendrickson		
$\mathcal{I}\mathcal{I}$		us- 6,002,708	12-14-1999	Fleming et al.		
TT		<sup>US-</sup> 6,026,125	02-15-2000	Larrick, Jr. et al.		
TT		<sup>US-</sup> 6,041,051	03-2000	Doshi et al.		
7		US- 6,055,411	04-25-2000	Ishida et al.		
71		US- 6,064,697	05-2000	Yoshikawa		
TT		<sup>US-</sup> 6,067,648	05-2000	Hunter et al.		
TT		<sup>US-</sup> 6,069,887	05-2000	Geiger et al.		
TT		<sup>US-</sup> 6,097,766	08/2000	Okubo et al.		
TI		<sup>US-</sup> 6,115,390	09-05-2000	Chuah		
TT		<sup>US-</sup> 6,122,291 A	09-2000	Robinson et al.		
TT		<sup>US-</sup> 6,133,876	10-17-2000	Fullerton et al.		
TT		US- 6,178,217 B1	01-23-2001	Defries et al.		
TT		US- 6,181,687	01-2001	Chatschik Bisdikian		
77		<sup>US-</sup> 6,212,230	04-2001	Rybicki et al.		
TT		<sup>US-</sup> 6,232,910 B1	05-15-2001	Bell et al.		
TT		<sup>US-</sup> 6,236,662 B1	05-2001	Reilly		
TI		<sup>US-</sup> 6,239,741 B1	05-2001	Fontana et al.		

		FORE	GN PATENT DOCU	IMENTS		
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁰	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/603,310

Filing Date June 21, 2000

First Named Inventor Carleton Sparrell

Art Unit 2665

Examiner Name Thien D. Tran

Attorney Docket Number 00042

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Sheet 4 U. S. PATENT DOCUMENTS Name of Patentee or Pages, Columns, Lines, Where Publication Date Examiner Cite **Document Number** Applicant of Cited Document MM-DD-YYYY Relevant Passages or Relevant Initials\* No 1 Figures Appear Number-Kind Code<sup>2</sup> (# known) <sup>US-</sup> 6,246,277 B1 06-12-2001 Aiello et al. US- 6.246,377 B1 06-12-2001 Aiello et al. US- 6,275,500 08-2001 Callaway et al. US- 6,275,544 B1 08-14-2001 Aiello et al. US- 6,292,153 B1 09-18-2001 Aiello et al. US- 6,300,903 B1 10-09-2001 Richards et al. US- 6,310,865 B1 10-2001 Ohki us-6,324,397 B1 11-2001 Adachi et al. US- 6.351.468 B1 02-2002 LaRowe et al. US-6,351,652 B1 02-26-2002 Finn et al. US- 6.385.461 B1 Raith 05-2002 US- 6,400,308 06-2002 Bell et al. <sup>US-</sup> 6,424,645 07-2002 Kawabata et al. US- 6,449,265 B1 09-2002 Prieto, Jr. us- 6,463,042 10-2002 Risto Paatelma US- 6,477,171 B1 11-2002 Wakeley et el. Johansson et al. US- 6,480,505 B1 11-2002  $\tau$ Evans et al. <sup>US-</sup> 6,497,656 B1 12-24-2002 <sup>US-</sup> 6.505,032 B1 01-07-2003 McCorkle et al.

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Complete if Known

 Application Number
 09/603,310

 Filing Date
 June 21, 2000

 First Named Inventor
 Carleton Sparrell

 Art Unit
 2665

 Examiner Name
 Thien D. Tran

 Attorney Docket Number
 00042

			U. S. PATEN	DOCUMENTS	
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TT		<sup>US-</sup> 6,510,150	01-2003	Chiu Y Ngo	
17		<sup>US-</sup> 6,519,460	02-2003	Haartsen	
1		<sup>US-</sup> 6,539,213 B1	03-25-2003	Richards et al.	
11		<sup>US-</sup> 6,549,567 B1	04-15-2003	Fullerton	
TT		<sup>US-</sup> 6,574,266 B1	06-2003	Jacobus Haartsen	" 1=1111=" =
TT		<sup>US-</sup> 6,597,683	07-2003	Gehring et al.	
TT		<sup>US-</sup> 6,603,818 B1	08-2003	Dress et al.	
TT		<sup>US-</sup> 6,621,857 B1	09-2003	Belotserkovsky et al	
TI		<sup>US-</sup> 6,625,229 B2	09-2003	Dress et al.	
TT		<sup>US-</sup> 6,628,642	09-2003	Mile'n et al.	
TT		<sup>US-</sup> 6,633,558	10-2003	Cho et al.	
TI		<sup>US-</sup> 6,668,008	12-2003	Panasik	
TI		<sup>US-</sup> 6,697,382	02-2004	Eatherton	
11		<sup>US-</sup> 6,707,828	03-2004	Chuah et al.	
TT		<sup>US-</sup> 6,735,238 B1	05-2004	McCorkle et al.	
TT		<sup>US-</sup> 6,735,734 B1	05-2004	Liebetreu et al.	
11		<sup>US-</sup> 6,747,959 B1	06-2004	Jin-Meng Ho	
TI		<sup>US-</sup> 2001/0055353	12-2001	Rybicki et al.	
TI		<sup>US-</sup> 2002/0018458	02-14-2002	Aiello et al.	

	FORE	IGN PATENT DOCU	MENTS		
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 Con	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>6</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
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Examiner Signature	Then	Date Considered	061	08	105

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Sheet 6

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(Use as many sheets as necessary)

Co	mplete if Known	
Application Number	09/603,310	
Filing Date	June 21, 2000	
First Named Inventor	Carleton Sparrell	
Art Unit	2665	
Examiner Name	Thien D. Tran	
Attorney Docket Number	00042	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<del> </del>	US- 2002/0131370	09-2002	Chuah et al.	
11		<sup>US-</sup> 2003/0054764 A1	03-2003	McCorkle et al.	
TT	l	<sup>US-</sup> 6,097,707 A	08-01-2000	Hodzic et al.	
TT		<sup>US-</sup> 6,236,662 B1	05-2001	Reilly	
TT		<sup>US-</sup> 6,351,468 B1	02-2002	LaRowe et al.	
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quired to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Ac Complete if Known Substitute for form 1449/PTO Application Number 09/603,310 INFORMATION DISCLOSURE **Filing Date** June 21, 2000 STATEMENT BY APPLICANT **First Named Inventor** Carleton Sparrell Art Unit 2665 (Use as many sheets as necessary) Examiner Name Thien D. Tran Attorney Docket Number 00042 Sheet of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
77	-	"802.1D and 802.1Q Bridging Conformance" TA Document IEEE802.17-11Jul2001/040:3, 1394 Trade Association, 7 pages, October 2001.	
TT		Brunoi Pattan, A Brief Exposure to Ultra-Wideband Signaling, Microwave Journal, December 2003, 5 pages.	
TT		David G. Leeper, Wireless Data Blaster, Scientific American, May 2002, Pages 65-69.	
TT		Dr. James P. K. Gilb, Wireless Multimedia A Guide to the IEEE 802.15.3 Standard, March 2004, 14 pages.	
11		AETHER WIRE & LOCATION, INC., ROBERT FLEMING et al., "Integrated, Low-Power, Ultra-Wideband Tranceivers for Distributed Position Location and Communication," Technical Abstracts of Proposal to Defense Advanced Research Projects Agency (DARPA), Part I - Technical Proposal, 1998, Pages 1-52.	
TT		AETHER WIRE & LOCATION, INC., ROBERT FLEMING et al., "Low-Power, Miniature, Distributed Position Location and Communication Devices Using Ultra-Wideband, Nonsinusoidal Communication Technology," Semi-Annual Technical Report Prepared for: ARPA/FBI, July 1995, Pages 1-40.	
TT		HENNING F. HARMUTH, "Fundamental Limits for Radio Signals With Large Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-23, No. 1, February 1981, Pages 37-43.	
TT	•	HENNING F. HARMUTH, "Frequency-Sharing and Spread-Spectrum Transmission with Large Relative Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-20, No. 1, February 1978, Pages 232-239.	
11		HENNING F. HARMUTH, "Applications of Walsh functions in communications," IEEE Spectrum, November 1969, Pages 82-91.	
77		HENNING F. HARMUTH et al., "Large-Current, Short-Length Radiator for Nonsinusoidal Waves," IEEE International Symposium on Electromagnetic Compatibility, 1983, Pages 453-456.	

Examiner Signature	Then	Date Considered	06/08/0	5

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